PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:	
	De et al.
Patent No.:	7,447,255
Issued:	November 4, 2008
Appln. No.:	10/079,334
Filed:	February 20, 2002
Confirmation No.:	1399
For: FAST JOINT DETECTION USER EQUIPMENT	

Our File:	I-2-0188.2US
Date:	May 12, 2009

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 7,447,255. Correction of the following errors is requested.

ON THE FACE PAGE

At section (56), OTHER PUBLICATIONS, page 2, left column, delete line beginning with "Nov 1999." and insert therefor --Nov 1995.--.

IN THE ABSTRACT

At section (57), ABSTRACT, page 1, right column, lines 7 & 8, after the words "a K by K matrix." delete "Each block entry of the block column is a K by K matrix.".

IN THE SPECIFICATION

At column 4, line 20, before the word "function" delete "hermetian" and insert therefore –Hermitian--.

At column 4, line 42, before the words "the combined" delete "**48**. Form" and insert therefore –**48**, from--.

At column 8, line 50, before "$\Lambda^{(N_s-1)}$" delete "Simnilarly" and insert therefore --Similarly--.

At column 9, line 2, after the words "determine the" delete "$\Lambda^{(t)}$s." and insert therefor -- $\Lambda^{(i)}$s--.

At column 9, delete line 15, and insert therefor --by an fft {0,0, …, R_2, R_1, R_0, R_1^H, R_2^H,…, 0,0}--.

At column 9, delete line 30, and insert therefor --of R_is--.

At column 9, delete Equation 32 and insert therefor --$D^H\underline{d} = \Lambda^{-1}[D^H(A^H\underline{r})]$--.

At column 11, delete line 63 and insert therefor -- $e^{\frac{j2\pi}{N_s}}$ I_{SF} and $\Lambda_1^{(1)}$--.

At column 12, line 35, after the words "of each $\Lambda^{(i)}$," delete "$[\Lambda^{(t)}]^{-1}$" and insert therefor --"$[\Lambda^{(i)}]^{-1}$--.

At columns 11 & 12, lines 44-53, to right end of equation 40, add --Equation 40--.

At column 13, line 49, before the word "detection" delete "fastjoint" and insert therefor --fast joint--.

At column 13, line 50, after the words "per second" delete "(MROPs)" and insert therefor –(MROPS)--.

At column 14, line 13, before the words "was calculated" delete "($A^{H}r$)" and insert therefor --($A^{H}\underline{r}$)--.

REMARKS

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicants, please charge the surcharge fee pursuant to C.F.R. §1.20(a) of $100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

De et al.

By /Joseph P. Gushue/
Joseph P. Gushue
Registration No. 59,819
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JPG/dcb

PTO/SB/44 (04-05)
Approved for use through 04/30/2007.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,447,255

APPLICATION NO.: 10/079,334

ISSUE DATE : November 4, 2008

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE FACE PAGE

At section (56), OTHER PUBLICATIONS, page 2, left column, delete line beginning with "Nov 1999." and insert therefor --Nov 1995.--.

IN THE ABSTRACT

At section (57), ABSTRACT, page 1, right column, lines 7 & 8, after the words "a K by K matrix." delete "Each block entry of the block column is a K by K matrix.".

IN THE SPECIFICATION

At column 4, line 20, before the word "function" delete "hermetian" and insert therefore --Hermitian--.

At column 4, line 42, before the words "the combined" delete "**48**. Form" and insert therefore --**48**, from--.

At column 8, line 50, before "$\Lambda^{(N_s-1)}$," delete "Simnilarly" and insert therefore --Similarly--.

At column 9, line 2, after the words "determine the" delete "$\Lambda^{(t)}$s." and insert therefor -- $\Lambda^{(i)}$s--.

At column 9, delete line 15, and insert therefor --by an fft $\{0,0, \ldots, R_2, R_1, R_0, R_1^H, R_2^H, \ldots, 0,0\}$--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):
Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/44 (04-05)
Approved for use through 04/30/2007.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,447,255

APPLICATION NO.: 10/079,334

ISSUE DATE : November 4, 2008

INVENTOR(S) : De et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 9, delete line 30, and insert therefor --of R_is--.

At column 9, delete Equation 32 and insert therefor --$D^H\underline{d} = \Lambda^{-1}[D^H(A^H\underline{r})]$--.

At column 11, delete line 63 and insert therefor -- $e^{\frac{j2\pi}{N_s}}$ I_{SF} and $\Lambda_1^{(l)}$--.

At column 12, line 35, after the words "of each $\Lambda^{(i)}$," delete "$[\Lambda^{(t)}]^{-1}$" and insert therefor --"$[\Lambda^{(i)}]^{-1}$--.

At columns 11 & 12, lines 44-53, to right end of equation 40, add --Equation 40--.

At column 13, line 49, before the word "detection" delete "fastjoint" and insert therefor --fast joint--.

At column 13, line 50, after the words "per second" delete "(MROPs)" and insert therefor --(MROPS)--.

At column 14, line 13, before the words "was calculated" delete "(A^Hr)" and insert therefor --($A^H\underline{r}$)--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):
Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.